EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050252528".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 17:58
L2	1	L1 and seal$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 17:58
L3	1	L1 and pressure$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 18:00
L4	1	L1 and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 18:15
L5	1	L1 and snout	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 18:21
L6	1	L1 and (long with snout)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 18:31
L7	1	L1 and (coil$2 with tub$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 18:46
L8	1	L1 and (coil$2 with tub$3 with reel$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:03
L9	1	L1 and (device with pump with hose)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:08
L10	1	L1 and (device with pump with hose with junction)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:08
L11	3	("20020046833" "4828651" "3920537").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L12	5	("3920537" "4828651" "5036871" "5286154" "20020046833").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L13	13	("1295897" "2074204").pn.	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 19:16
L14	2	("3645452" "6513462").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L15	33890	(conduit$s or tub$3 or hos $3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L16	1144	L15 and "134".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L17	72	L16 and (conduit$s tub$3 hos $3) with flex$4 with (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) with (vessel$2 tank$2 coker $2))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16

L18	2	"1838643".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L19	4	peterson.in. and (tank$2 with clean$4 with hose$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:16
L20	92	(conduit$2 or tub$3 or hos $3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 19:16
L21	190	(L11 L12 L13 L14 L17 L18 L19 L20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 19:16
L22	3	L21 and (mechanical adj pump$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 19:16
L23	1	L1 and (liquid with junction)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:24
L24	1	L1 and (pressure with swivel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:38
L25	1	L1 and (high with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:40
L26	1	L1 and (pump with hose)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 19:53
L27	1	L1 and (retaining member)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 20:13
L28	28	L21 and (spool$ reel$3 wind $3 drum$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:23
L29	28	L21 and (spool$2 reel$3 wind $3 drum$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:23
L30	4	L29 and ((spool$2 reel$3 wind$3 drum$2) with (retain $3 keep$3 hold$3) with (hos $3 tub$3 conduit$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:24
L31	12203	((spool$2 reel$3 wind$3 drum$2) with (retain$3 keep $3 hold$3) with (hos$3 tub $3 conduit$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:26

L32	1	31 and safety with pin with eye$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:27
L33	1	31 and (safety with pin$2 with eye$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:27
L34	959	31 and ((spool$2 reel$3) with retain$3 with (hos$3 tub $3 conduit$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:28
L35	231	34 and (spool$2 reel$3) with retain$3 with hose$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:28
L36	9	35 and "134".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:29
L37	319	31 and (insertion with device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:41
L38	1	1 and (insertion with device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 20:41
L39	1	1 and (traction with belts)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 21:30
L40	1	1 and (drive with mechanism)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/10 21:35
S1	4	("RICHARDS, DAN" "WHITLOCK, DAVID" "FITZMAURICE, BRIAN" "BRONSON, MIKE").in. and (conduit or tub$3 or hos$3) and (in through) and flex$4 and (rigid inflex$4 solid)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/08 09:55

S2	19	("RICHARDS, DAN" "WHITLOCK, DAVID" "FITZMAURICE, BRIAN" "BRONSON, MIKE").in. and (conduit or tub$3 or hos$3)	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 09:56
S3	3	ceda.as. and (conduit or tub $3 or hos$3)	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 09:57
S4	9	ceda.as.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 09:57
S5	5	("3920537" "4828651" "5036871" "5286154" "20020046833").pn.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:09
S6	13	("1295897" "2074204").pn.	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 10:13
S7	2	("3645452" "6513462").pn.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:19
S8	33890	(conduit$s or tub$3 or hos $3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:37
S9	1144	S8 and "134".clas.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:39
S10	158	S9 and 134/166R,167R,198. ccls.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:39
S11	72	S9 and (conduit$s tub$3 hos $3) with flex$4 with (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) with (vessel$2 tank$2 coker $2))	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:40
S12	3	S10 and (conduit$s tub$3 hos $3) with flex$4 with (rigid inflex$4 solid) with ((clean$3 or sanitiz$3 or disinfect$3) with (vessel$2 tank$2 coker $2))	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:40
S13	0	("2005/0183745").URPN.	USPAT	OR	ON	2008/05/08 10:41
S14	1	"1838643".PN.	USPAT	OR	ON	2008/05/08 10:43
S15	2	"1838643".PN.	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:45
S16	4	peterson.in. and (tank$2 with clean$4 with hose$2)	US-PGPUB, USPAT, USOCR	OR	ON	2008/05/08 10:46

S17	92	(conduit$2 or tub$3 or hos$3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 10:48
S18	28	S17 and (conduit$2 or tub$3 or hos$3) with flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) with (vessel$2 tank$2 coker$2))	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 10:49
S19	2	("2002046833" "4828651" "3920537").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:26
S20	3	("20020046833" "4828651" "3920537").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:26
S21	5	("3920537" "4828651" "5036871" "5286154" "20020046833").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S22	13	("1295897" "2074204").pn.	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 17:28
S23	2	("3645452" "6513462").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S24	33890	(conduit$s or tub$3 or hos$3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S25	1144	S24 and "134".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S26	72	S25 and (conduit$s tub$3 hos$3) with flex$4 with (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) with (vessel$2 tank$2 coker$2))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S27	2	"1838643".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S28	4	peterson.in. and (tank$2 with clean$4 with hose$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 17:28
S29	92	(conduit$2 or tub$3 or hos$3) and flex$4 and (rigid inflex$4 solid) and ((clean$3 or sanitiz$3 or disinfect$3) and (vessel$2 tank$2 coker $2))	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 17:28
S31	190	(S20 S21 S22 S23 S26 S27 S28 S29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 17:30

S33	64	S31 and (seal$3 barrier$2 plug$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 17:33
S34	27	S33 and ((seal$3 barrier$2 plug$2) with (conduit$s or tub$3 or hos$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 17:34
S35	29	S33 and ((valve$2 lid$2 membran$3) with (conduit$s or tub$3 or hos$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/09 18:19
S38	1	"20050252528".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 15:02
S39	1	S38 and shroud$3	US-PGPUB	OR	ON	2008/05/10 15:02
S40	1	"20050252528".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 16:31
S41	1	S40 and rigid$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/10 16:31

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